#### ATES UNITE DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

SUBMIT	IN	TRIP	LICA
(Otho			55.00

Form approved. Budget Bureau No. 1004-0136 Expires December 31, 1991

LEASE DESIGNATION AND SERIAL NO. SL-071965

<del>DEC</del>	2	1	1994
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	APPI	LICATION FOR P	ERMIT TO DRI	LL OR DEEPEN	0 8 MI	6. IF INDIAN, ALLOTTEE OF	R TRIBE NAME	
la.	TYPE OF WORK	DRILL X	DEEPEN	DIV OF OIL, G	AS G	7. UNIT AGREEMENT NAME RED WA		
b	TYPE OF WELL		_					
	OIL WELL	GAS- WELL X	OTHER	SINGLE MULTIP	E	8. FARM OR LEASE NAME, #311	WELL NO.	
2.	NAME OF OPERATOR CHEVRON USA I	PRODUCTION CO., INC.				9. API WELL NO.		
3.		0 SOUTH, VERNAL, UT 8		(801) 781-4300		10. FIELD AND POOL, OR WILL RED WA		
4.	LOCATION OF WELL At surface	(Report location clearly and in accorda	nce with any State requirements)*			GREEN RIVER		
	1512' FSL, 1370' I	FWL. NESW				11. SEC.,T., R., M., OR BLOC	K AND SURVEY	
	At proposed prod. zone	,	-			OR AREA SEC. 26-T7S-R24E,	SLB&M	
	SAME							
14.	DISTANCE IN MILES AT 31.4 MILES FROM	ND DIRECTION FROM NEAREST TO M VERNAL, UT	OWN OR POST OFFICE*			12. COUNTY OR PARISH UINTAH	13. STATE UTAH	
15.	DISTANCE FROM PRO LOCATION TO NEARE PROPERTY OR LEASE	EST	16.	NO. OF ACRES IN LEASE		F ACRES ASSIGNED IIS WELL		
	(Also to nearest drlg. uni	· · · · · · · · · · · · · · · · · · ·		2560	<u> </u>	NA		
18.	DISTANCE FROM PRO	POSED LOCATION*  ORILLING, COMPLETED,	19.	PROPOSED DEPTH	20. ROTA	RY OR CABLE TOOLS		
	OR APPLIED FOR, ON		ROTARY					
21.	ELEVATIONS (Show who	ether DF, RT, GR, etc.)			. <b>.</b>	22. APPROX. DATE WORK 2/1/9		
			PROPOSED CASING	AND CEMENTING PROGR	AM			
	SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEMENT		
_	12-1/4"	8-5/8" K-55	24#	360'		190 SX.		

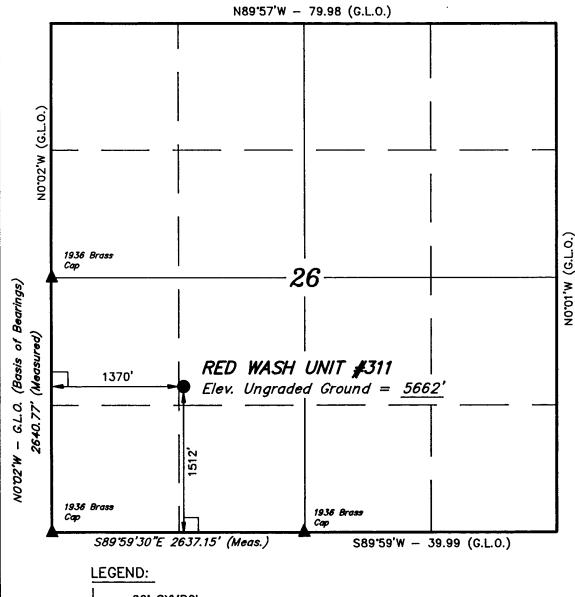
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" K-55	24#	360'	190 SX.
7-7/8"	5-1/2" K-55	15.5#	5218'	602 SX.

We propose to drill for natural gas in the Green River Formation at the location specified. Enclosures:

- Certified Plat
- Self-Certification Statement
- Thirteen Point Surface Use Plan With Attachments
- Eight Point Drilling Plan With Attachments

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. APPROVAL DATE Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would enfit CONDITIONS OF APPROVAL, IF ANY: TITLE APPROVED BY \*See Instructions On Reverse Side

### T7S, R24E, S.L.B.&M.



= 90' SYMBOL

= PROPOSED WELL HEAD.

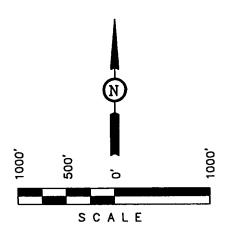
= SECTION CORNERS LOCATED. (Brass Caps)

### CHEVRON U.S.A., INC.

Well location, RED WASH UNIT #311, located as shown in the NE 1/4 SW 1/4 of Section 26, T7S, R24E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 26, T7S, R24E, S.L.B.&M. TAKEN FROM THE DINOSAUR NW, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5716 FEET.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADES BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

> REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

### UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: DATE DRAWN: 9-22-94 10-29-94				
PARTY B.B. D.G. D.J.S.	REFERENCES G.L.O. PLAT				
WEATHER WARM	FILE CHEVRON U.S.A., INC.				

### CHEVRON USA PRODUCTION CO.

### RED WASH UNIT #311 1512' FSL & 1370' FWL NESW-S26-T7S-R24E, SLB&M UINTAH COUNTY, UTAH

### **EIGHT POINT DRILLING PLAN**

### 1. ESTIMATED FORMATION TOPS:

Uinta Green River Surface

~2360' to 5218' TD

## 2. <u>ESTIMATED DEPTHS OF TOP AND BOTTOM OF WATER, OIL, GAS, OR OTHER MINERAL BEARING FORMATIONS AND PLAN FOR PROTECTION:</u>

**Deepest Fresh Water:** ~2360', top of Green River Formation. The Green River Formation is classified as an exempt aquifer in the vicinity of the proposed well.

Oil Shale: Oil shale is expected between the depths of ~3421-3524'.

Oil: None expected.

**Gas:** Possible gas in the Uinta Fm. below ~2100'. Expected in the Green River Fm. from ~3768' to 5068'.

Protection of oil, gas, water, or other mineral bearing formations: Protection shall be accomplished by cementing surface casing and production casing back to the surface or to depths sufficient to isolate required formations. Please refer to casing and cement information for protection plans.

### 3. PRESSURE CONTROL EQUIPMENT:

For drilling surface hole to 360': No BOP equipment required.

For drilling through 8.625" surface casing to TD:

Maximum anticipated surface pressure is <1400 psi.

Pressure control equipment shall be in accordance with BLM minimum standards for 2000 psi equiment.

### **RED WASH UNIT #311 - EIGHT-POINT DRILLING PLAN**

A casing head with an 11", 3000 psi flange will be screwed or welded onto the 8.625" surface casing.

BOP stack will consist of a double gate and annular preventer. The double gate will be equipped with pipe rams on bottom and blind rams on top. The choke and kill lines will be connected to outlets between the bottom and top rams, utilizing either the ram body outlet or a drilling spool with side outlets. The BOP stack will be 9" or 11" bore, 2000 or 3000 psi working pressure. The choke and kill lines will be 2" or 3" bore, 2000 or 3000 psi working pressure. Please refer to attached schematics.

A rotating head may be used while drilling below surface casing for control of gas cut mud.

Test procedure and frequency shall be in accordance with BLM minimum standards for 2000 psi equipment.

### 4. SUPPLEMENTAL DRILLING EQUIPMENT AND CASING INFORMATION:

### **Casing Information:**

Casing	Conn.	New/ Used	Stage Tool	Centralizers
8.625"	STC	New	No	10' above shoe, on 1st and 3rd collars.
5.500"	STC	New	No	10' above shoe, every other collar to top of pay (±3750'),

### Cement Information:

Casing	Cement
8.625"	Oilfield type cement circulated in. Class "A" single slurry mixed to 15.6 ppg, yield = 1.19 cf/sx. Fill to surface with 225 cf (190 sx) calculated. Tail plug used. Allowed to set under pressure.
5.500"	Lead/Tail oilfield type cement circulated in.  Tail slurry: 50/50 Class H/Pozzolan + 2% gel + additives as required mixed to 14.1 ppg, yield = 1.23 cf/sx; or class G + 12.5 lb/sx gilsonite + additives as required mixed to 14.8 ppg, yield =

### **RED WASH UNIT #311 - EIGHT-POINT DRILLING PLAN**

1.34. Fill to 3450' (±300' above top of pay) with 405 cf (329 sx or 302 sx).

Lead slurry: Class "A" + extender + additives mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill to surface with 1041 cf (273 sx). Tail plug used. Allowed to set under pressure.

### **Drilling Equipment:**

Surface hole will be drilled and surface casing set with small rotary surface hole rig.

A rotating head may be used while drilling below surface casing for control of gas cut mud.

## 5. <u>CIRCULATING MEDIUM, MUD TYPE, MINIMUM QUANTITIES OF WEIGHT MATERIAL, AND MONITORING EQUIPMENT:</u>

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is ±9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from 3500' (depth mud loggers on) to TD.

### 6. ANTICIPATED TYPE AND AMOUNT OF TESTING, LOGGING, AND CORING:

### Logging:

Mud logging: ~3500' to TD.

Dual Induction/SP/GR: TD-Surface casing shoe

Density/Neutron/GR with XY caliper: TD-3500'

Sonic/GR with caliper TD-Surface casing shoe.

MIR tool: TD-3500'

### **RED WASH UNIT #311 - EIGHT-POINT DRILLING PLAN**

Coring:

None planned.

Testing:

Possible DST in lower Green River Fm. at wellsite geologist's discretion.

# 7. EXPECTED BOTTOM HOLE PRESSURE AND ANY ANTICIPATED ABNORMAL PRESSURE, TEMPERATURES, OR OTHER HAZARDS (H<sub>2</sub>S, STEAM, ETC.) AND ASSOCIATED CONTINGENCY PLANS:

Normal pressure gradient to top of Green River Fm. Some slightly pressured (0.47 psi/ft.) gas zones within the Green River Fm. may exist, although possible pressure depleted intervals (0.37 psi/ft.) from 3768' to 5068' are viewed as greater hazards. All sands typically tight - drill underbalanced with water or unweighted mud.

Maximum expected BHP @ 5215':

~2450 psi (0.47 psi/ft.).

Maximum expected BHT @ 5215':

~135° F.

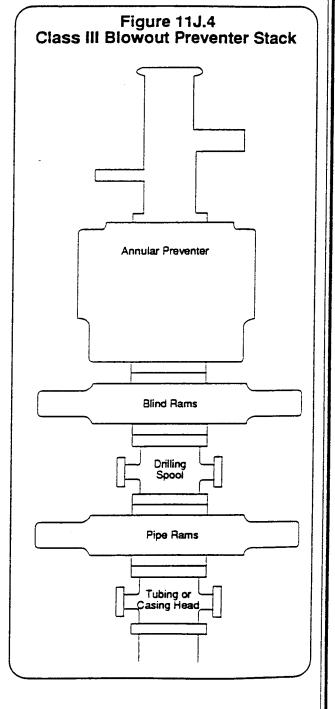
No other abnormal hazards are anticipated and no contingency plans are required.

### 8. <u>OTHER</u>:

None.

### E. CLASS III BLOWOUT PREVENTER STACK:

The Class III preventer stack is designed for drilling or workover operations. It is composed of a single hydraulically operated annular preventer on top, then a blind ram preventer, a drilling spool, and a single pipe ram preventer on bottom. The choke and kill lines are installed onto the drilling spool and must have a minimum internal diameter of 2". All side outlets on the preventers or drilling spool must be flanged, studded, or clamped. An emergency kill line may be installed on the wellhead. A double ram preventer should only be used when space limitations make it necessary to remove the drilling spool. In these instances. the choke manifold should be connected to a flanged outlet between the preventer rams only. In this hookup, the pipe rams are considered master rams only, and cannot be used to routinely circulate out a kick. Class III blowout preventer stack is shown to the right in Figure 11J.4.

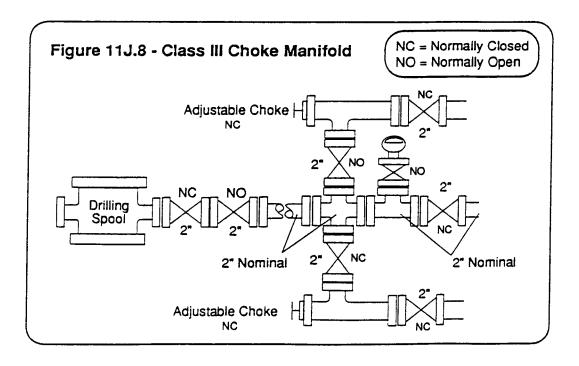


# CHEVRON DRICLING REFERENCE SERIES VOLUME ELEVEN WELL CONTROL AND BLOWOUT PREVENTION

#### D. CLASS III CHOKE MANIFOLD

The Class III choke manifold is suitable for Class III workovers and drilling operations. The Standard Class III choke manifold is shown in Figure 11J.8 below. Specific design features of the Class III manifold include:

- 1. The manifold is attached to a drilling spool or the top ram preventer side outlet.
- 2. The minimun internal diameter is 2" (nominal) for outlets, flanges, valves and lines.
- 3. Includes two steel gate valves in the choke line at the drilling spool outlet. The inside choke line valve may be remotely controlled (HCR).
- 4. Includes two manually adjustable chokes which are installed on both side of the manifold cross. Steel isolation gate valves are installed between both chokes and the cross, and also downstream of both chokes.
- 5. Includes a blooey line which runs straight through the cross and is isolated by a steel gate valve.
- 6. Includes a valve isolated pressure gauge suitable for drilling service which can display the casing pressure within view of the choke operator.
- 7. Returns through the choke manifold must be divertible through a mud-gas seperator and then be routed to either the shale shaker or the reserve pit through a buffer tank or manifold arrangement.
- 8. If the choke manifold is remote from the wellhead, a third master valve should be installed immediately upstream of the manifold cross.



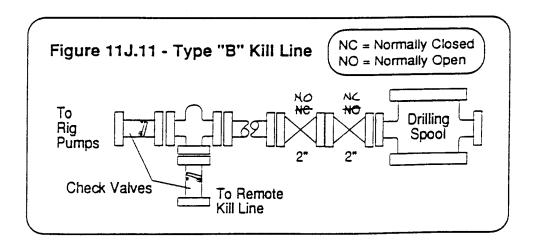
Rev. 1/1/89

# CHEVRONDRILLING REFERENCE SERIES VOLUME ELEVEN WELL CONTROL AND BLOWOUT PREVENTION

### D. TYPE "B" KILL LINE - CLASS III, IV , AND V WELLS

The type B kill line described below in Figure 11J.11 is the minimum recommended hookup for installation on all Class III, Class IV and Class V wells. Specific design features of the type B kill line include:

- 1. The preferred kill line connection to the well is at the drilling spool, however, a preventer side outlet may be used when space restrictions exclude the use of a drilling spool. In all cases, the kill line must be installed below the uppermost blind rams so the well can be pumped into with no pipe in the hole.
- 2 The arrangement includes two 2" (nominal) gate valves installed at the drilling spool and an upstream fluid cross. The outside valve may be hydraulically remote controlled.
- 3. Two pump-in lines should be attached to the fluid cross. The **primary kill line** should be routed to the rig standpipe where it can be manifolded to the rig pumps. The **remote kill line** should be run to a safe location away from the rig or to the rig cementing unit. The remote kill line should have a loose end connection for rigging-up a high pressure pumping unit.
- 4. Both the primary kill line and the remote kill line must include a 2" check valve which is in working condition while drilling. If a check valve is crippled for testing purposes, the flapper or ball must be re-installed and tested before drilling resumes.
- 5. The primary kill line must include a pressure gauge which can display the pump-in pressure on the rig floor.
- 6. Any lines which are installed at the wellhead are designated as "emergency kill lines" and should only be used if the primary and remote kill lines are inoperable.



Rev. 1/1/89

United States Department of the Interior Bureau of Land Management Vernal District Office 170 South 500 West Vernal, UT 84078

### SELF-CERTIFICATION STATEMENT

Be advised that Chevron USA Production Company is considered to be the operator of Red Wash Unit #311, NESW-Sec.26-T7S-R24E, Uintah County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by Nationwide Bond #U-89-75-81-34 (Standard Oil Co. of California and its wholly owned subsidiary Chevron USA Production Co., as co-principals) via surety consent as provided for in 43 CFR 3104.2.

Sincerely,

J. T. Conley

Red Wash Area Team Leader

DATE: 12-19-94

### CHEVRON USA PRODUCTION CO.

### RED WASH UNIT #311 1512' FSL & 1370' FWL NESW-S26-T7S-R24E, SLB&M UINTAH COUNTY, UTAH

### THIRTEEN POINT SURFACE USE PLAN

### 1. **EXISTING ROADS**:

- A. See Topographic Map A. There are no plans to change, alter or improve upon any existing state or county road.
- B. See Topographic Map A. Travel east from Vernal on U.S. Highway 40 to the intersection with Utah State Highway 45. Turn south on Utah State 45 and proceed 20.7 miles to the Red Wash Oil and Gas Field road. Turn east and proceed 4.7 miles to existing lease road past water tank. Turn south and proceed a total of 5.6 miles on existing lease road to proposed access road.

### 2. ACCESS ROADS TO BE CONSTRUCTED OR RECONSTRUCTED:

See Topographic Maps A and B. The access road and location site are on Federal lands. A new access road of approximately 0.4 miles to the location will be constructed.

### 3. LOCATION OF EXISTING WELLS WITHIN ONE MILE:

See Topographic Map B.

## 4. LOCATION OF EXISTING OR PROPOSED FACILITIES IF WELL IS PRODUCTIVE:

- A. See Topographic Map C.
- B. Gas dehydration and metering equipment will be installed onsite following completion of the new wellbore. No blooie pit will be constructed, as a tank will be installed in its place.

- C. A gas pipeline approximately 2300' in length will be constructed to connect the well to the existing gas gathering system. The pipeline will follow the proposed access road to the tie-in.
- D. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the areas will be reseeded as prescribed by the BLM.

### 5. LOCATION AND TYPE OF WATER SUPPLY:

Red Wash Unit fresh water supply, Application #A17791, Water Right Number 49-2153. Water will be picked up at water tank shown on Topographic Map A,  $\sim$  6 miles from wellsite on proposed access route.

Transportation of water shall be by tank truck.

### 6. **CONSTRUCTION MATERIALS:**

Native dirt and gravel will be used as construction materials.

### 7. METHODS FOR HANDLING WASTE DISPOSAL:

- A. A closed mud system is planned, requiring a trench for the reserve tank.
- B. Excess reserve pit fluid will be disposed of via haul-off to a commercial disposal facility.
- C. Drill cuttings will be caught and settled in the reserve tank and buried when the trench is backfilled.
- D. Commercial service will provide portable toilets and haul-off to a commercial disposal facility.
- E. Trash will be stored in trash containers and hauled to commercial or municipal facility for disposal.
- F. It is not anticipated that any salt or chemicals will need to be disposed of. If required, disposal will be by commercial disposal facility.

- G. In the event fluids are produced, any gas and associated condensate will be flared over the flare pit while testing. Any produced water will be caught in the flare pit and transferred to Red Wash Central Battery for use in the waterflood system. Depending on the nature of completion/stimulation fluids, these will be caught in the flare pit and disposed of via use in the waterflood system, evaporation or haul-off to a commercial disposal facility.
- H. Hazardous chemicals 10,000lb. of which will most likely be used, produced, stored, transported or disposed of in association with the proposed action of drilling, completing and producing this well: We anticipate that none of the hazardous chemicals in quantities of 10,000 lb. or more will be associated with these operations.
- I. Extremely hazardous substances threshold quantities of which will be used, produced, stored, transported or disposed of in association with the proposed action of drilling, completing and producing this well: We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

### 8. ANCILLARY FACILITIES:

None.

### 9. WELLSITE LAYOUT:

- A. See Figures 1 and 2. A closed mud system is planned. In the event that a closed mud system is not available, a reserve pit will be constructed as shown. The reserve pit will be lined if required.
- B. Burn pit will not be lined.
- C. Access to the well pad will be as shown on Topographic Map B.

### 10. PLAN FOR RESTORATION OF SURFACE:

A. All surface areas not required for production operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum. Any rock encountered in excavation will be disposed of beneath backfill to return surface to its present appearance and provide soil for seed growth.

- B. The topsoil will be evenly distributed over the disturbed areas. Reseeding will be performed as directed by the BLM.
- C. Pits that would present a hazard to wildlife or livestock will be backfilled when the rig is released and removed.
- D. Completion of the well is planned during 1995. Rehabilitation will commence following completion of the well. If the wellsite is to be abandoned, all disturbed areas will be recontoured to the natural contour as soon as possible.

### 11. SURFACE OWNERSHIP:

The wellsite, access roads and flowlines are on Federal land. The operator shall contact the BLM office at (801) 789-1362 between 24 and 48 hours prior to construction activities.

### 12. OTHER INFORMATION:

- A. The well is located in hilly and sandy terrain. Vegetation consists of sagebrush and natural grasses around the location. The soil is a poorly developed, semi-arid, thin topsoil layer over the Uintah Formation.
- B. Surface use activities other than the oil and gas well facilities consist of grazing.
- C. There are no occupied dwellings near the wellsite.
- D. Archeological clearance was recommended during a 12/16/94 meeting between BLM, Chevron and Senco-Phenix personnel.

### 13. <u>COMPANY REPRESENTATIVE</u>:

Mr. J. T. Conley 11002 East 17500 South Vernal, UT 84078 (801) 781-4301

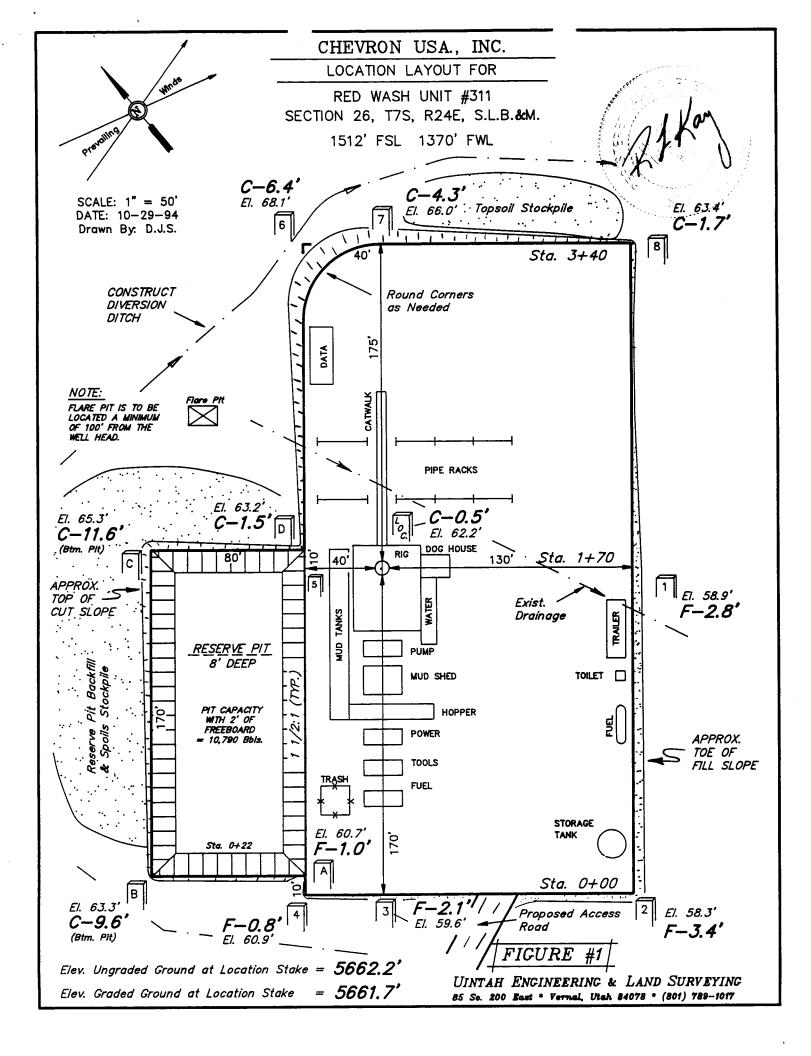
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Chevron USA Production Co., Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

12-19-94

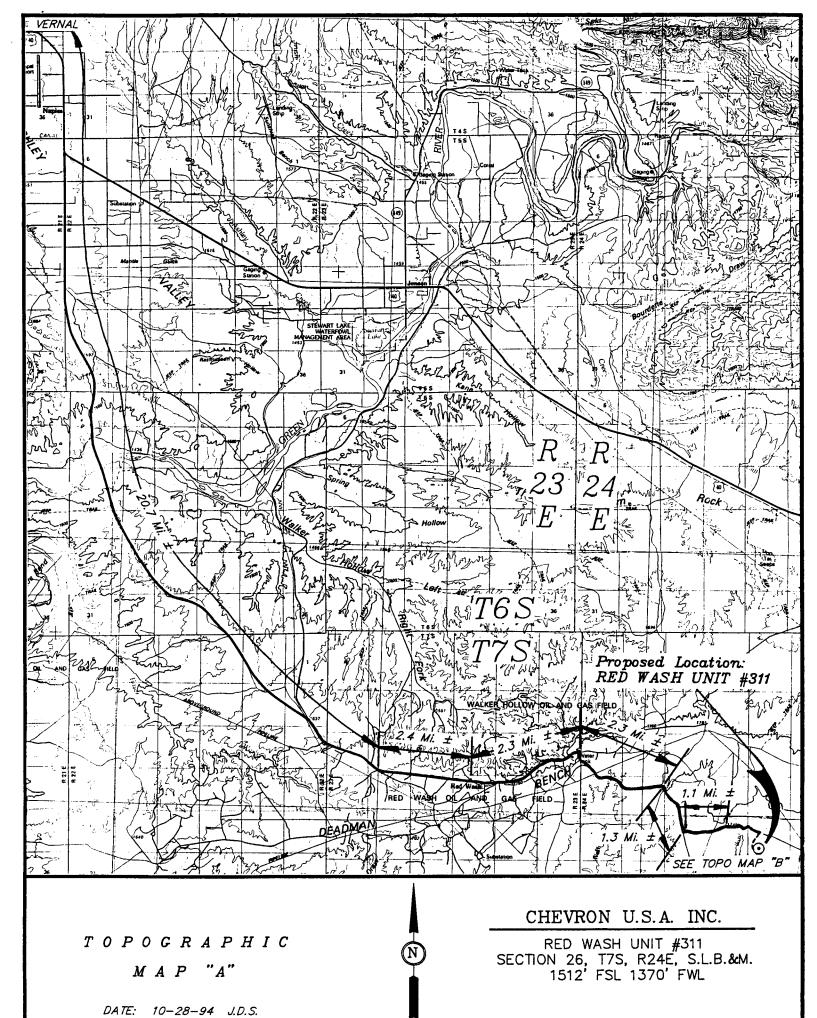
Date

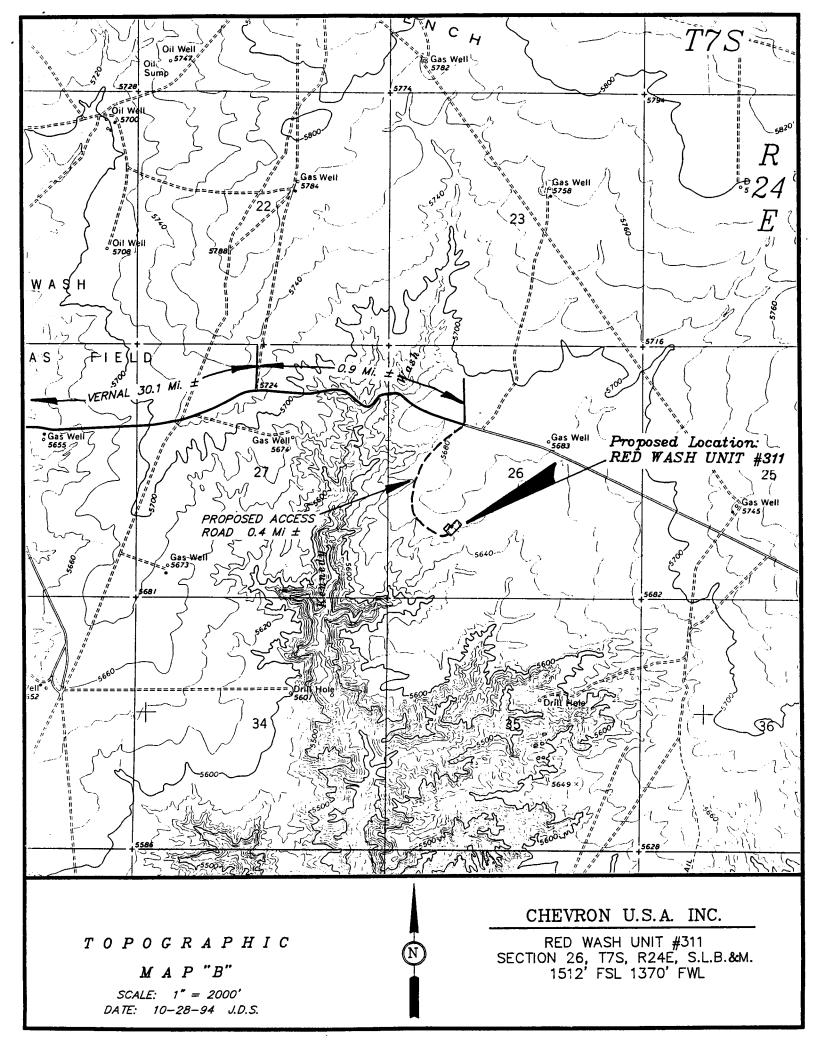
J. T. Conley

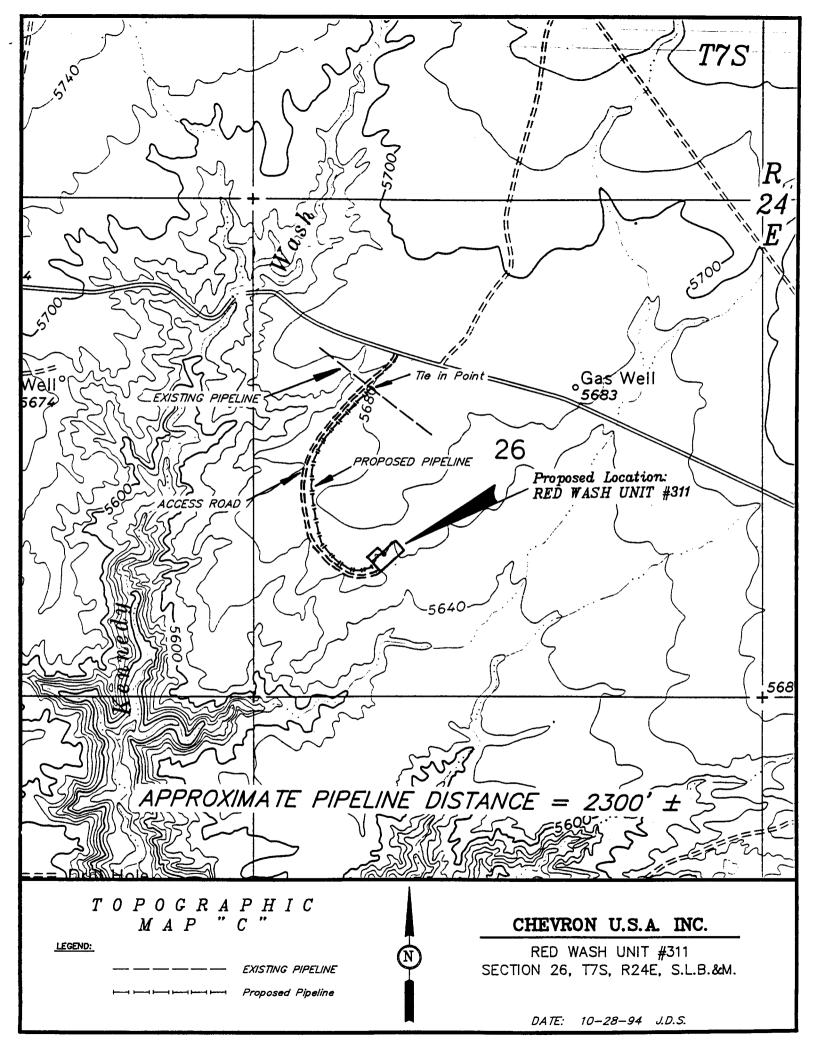
Red Wash Area Team Leader



### CHEVRON USA., INC. TYPICAL CROSS SECTIONS FOR 20, RED WASH UNIT #311 X-Section 11 SECTION 26, T7S, R24E, S.L.B.&M. Scale 1512' FSL 1370' FWL 1" = 50'DATE: 10-29-94 130' Drawn By: D.J.S. 40' CUT STA. 3+40 40' 80' 130' LOCATION STAKE CUT FILL Finished Grade STA. 1+70 130' 80' 40' Preconstruction Grade CUT FILL STA. 0+22 130' 40' Slope= 1 1/2:1. STA. 0+00 FILL FIGURE #2 CAPPROXIMATE YARDAGES EXCESS MATERIAL AFTER = 3.640 Cu. Yds. 5% COMPACTION = 2,920 Cu. Yds. = 1,320 Cu. Yds. Topsoil & Pit Backfill (6") Topsoil Stripping (1/2 Pit Vol.) = 5,050 Cu. Yds. Remaining Location 720 Cu. Yds. EXCESS CUT MATERIAL 6,370 CU.YDS. TOTAL CUT UINTAH ENGINEERING & LAND SURVEYING 2.590 CU.YDS. FILL 85 Se. 200 East \* Vernal, Utah 84078 \* (801) 789-1017







## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/21/94	API NO. ASSIGNED: 43-047-32628								
WELL NAME: RED WASH #311 OPERATOR: CHEVRON USA PRODUCTION	(NO210)								
PROPOSED LOCATION: NESW 26 - T07S - R24E	INSPECT LOCATION BY: / /								
SURFACE: 1512-FSL-1370-FWL BOTTOM: 1512-FSL-1370-FWL	TECH REVIEW Initials Date								
UINTAH COUNTY RED WASH FIELD (665)	Engineering								
LEASE TYPE: FED	Geology								
LEASE NUMBER: SL-071965	Surface								
PROPOSED PRODUCING FORMATION: GRRV									
Plat  Plat  Plat  Number <u>U-89-75-81-34</u> Potash (Y/N)  Noil shale (Y/N)  Water permit  (Number <u>49-2/53</u> N RDCC Review (Y/N)  (Date:)	LOCATION AND SITING:  R649-2-3. Unit: U_U 630/0 X  R649-3-2. General.  R649-3-3. Exception.  Drilling Unit.  Board Cause no: Date:								
COMMENTS:									
STIPULATIONS:									



# DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Ted Stewart Executive Director James W. Carter Division Director 801-359-3940 (Fax) 801-538-5319 (TDD)

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax)

January 23, 1995

Chevron USA Production Company, Inc. 11002 East 17500 South Vernal, Utah 84078

Red Wash #311 Well, 1512' FSL, 1370' FWL, NE SW, Sec. 26, T. 7 S., R. 24 E., Uintah County, Utah

### Gentlemen:

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

- Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil 1. and Gas Conservation General Rules.
- Notification to the Division within 24 hours after drilling operations 2. commence.
- Submittal of Entity Action Form, Form 6, within five working days following 3. commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
- Submittal of the Report of Water Encountered During Drilling, Form 7. 4.
- Prompt notification prior to commencing operations, if necessary, to plug 5. and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.



Page 2 Chevron USA Production Company, Inc. Red Wash #311 Well January 23, 1995

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32628.

Sincerely,

Associate Director

ldc

**Enclosures** 

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

WOI1

. Form 3160-3 (December 1990)

### UNI\_ D STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPL FE\*

Form approved.
Budget Bureau No. 1004-0136
Expires December 31, 1991

	BUREAU OF LAN		reverse sid		Expires December 51,	•//-
	DOILLING OF LINE	J WE WIGEWEIT		,	5. LEASE DESIGNATION AND	D SERIAL NO.
					SL-0719	65
					6. IF INDIAN, ALLOTTEE OR	TRIBE NAME
APPLI	CATION FOR PE	RMIT TO DE	RILL OR DEEPEN			
a. TYPE OF WORK					7. UNIT AGREEMENT NAME	
i. THE OF WORK	DRILL X	DEEPEN			RED WA	SH
TYPE OF WELL			•			
OIL	GAS-		SINGLE MULTI	PLE	8. FARM OR LEASE NAME, V	VELL NO.
WELL	WELL X 01	HER	ZONE ZONE		#311	
NAME OF OPERATOR		· · · · · · · · · · · · · · · · · · ·			9. API WELL NO.	
CHEVRON USA PR	RODUCTION CO., INC.				43-047-3.	2628
ADDRESS AND TELEPHO	NE NO			***	10. FIELD AND POOL, OR WIL	
11002 EAST, 17500	SOUTH, VERNAL, UT 840		(801) 781-430	0	RED WA GREEN RI	
LOCATION OF WELL (Re	eport location clearly and in accordance	e with any State requiremen	15)*		GREEN RI	VER
1512' FSL, 1370' FV	VL, NESW				11. SEC.,T., R., M., OR BLOCK	AND SURVEY
At proposed prod. zone					OR AREA SEC. 26-T7S-R24E, S	SLB&M
SAME						
4 DISTANCE IN MILES AND	D DIRECTION FROM NEAREST TOV	VN OR POST OFFICE*			12. COUNTY OR PARISH	13. STATE
31.4 MILES FROM	VERNAL, UT		1/ NO OF ACRES BULEASE	17. NO.	UINTAH  OF ACRES ASSIGNED	UTAH
DISTANCE FROM PROPO LOCATION TO NEARES	Т		16. NO. OF ACRES IN LEASE		HIS WELL	
PROPERTY OR LEASE L (Also to nearest drlg. unit li			2560		NA	
8. DISTANCE FROM PROPO TO NEAREST WELL, DR			19. PROPOSED DEPTH	20. ROT.	ARY OR CABLE TOOLS	
	HIS LEASE, FT. 2627'		5218'		ROTARY	
I. ELEVATIONS (Show wheth	ner DF, RT, GR, etc.)	<del></del>			22. APPROX. DATE WORK 2/1/9	
5662' GL		PROPOSED CASE	NO AND CEMENTING PROC	DAM.		
			NG AND CEMENTING PROG	KAIVI	QUANTITY OF CEMENT	
SIZE OF HOLE 12-1/4"	GRADE, SIZE OF CASING  8-5/8" K-55	WEIGHT PER FOOT 24#	360°		190 SX.	
7-7/8"	5-1/2" K-55	15.5#	5218'		602 SX.	
- Certified Plat - Self-Certification Stat	tement te Use Plan With Attachmen		e location specified. Enclosur	es:		
			JAN 1 1995			
			or survey a septimber in the Mark Constitution of the constitution		BECEN	VER
			COFCEL GAS & A	•	DEC 221	- · ·
			1 ALC - CONTINUES OF THE PROPERTY WHEN ASSETTED METERS AND A SERVICE OF	e sem voima	DEG 221	994
			•			
ertinent data on subsurface loc	PROPOSED PROGRAM: If propose ations and measured and true vertical	al is to deepen, give data on the depths. Give blowout pro	n present productive zone and proposed eventer program, if any.	new productive		
4. SIGNED	4 Pully	TITLE	TEACY LEADER	<u></u>	DATE /2-19-9	14
(This space for Federal or St	NOTICE OF A	PPROVAL	APPROVAL DATE	CONDITION	NS OF APPROVAL AT OPERATOR'S COPY	TAUMED (
Application approval does n	1/ /	nolds legal or equitable title t	o those rights in the subject lease which we	ould entitle the app	licant to conduct operations thereon.	
ADDROVED BY	in Stal Waren	<b>7</b> 777	ASSISTANT DIST	RICT PAIS	DATE JAM 2 4 1	888

\*See Instructions On Reverse Side

1/1/2-200-

### CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator:	Chevron USA Production Co., Inc.
Well Name & Number	er: Red Wash 311
API Number:	43-047-32628
Lease Number:S	L-071965

Location: NESW Sec. 26 T. 7S R. 24E

### **NOTIFICATION REQUIREMENTS**

Location Construction - at least forty-eight (48) hours prior to construction of location and

access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice - at least twenty-four (24) hours prior to spudding the well.

Casing String and - at least twenty-four (24) hours prior to running casing and

Cementing cementing all casing strings.

BOP and Related - at least twenty-four (24) hours prior to initiating pressure tests.

Equipment Tests

First Production - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90)

days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

## 1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered</u>

Report <u>ALL</u> water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

### 2. Pressure Control Equipment

The surface BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for a 2M system for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. A test plug will need to be used in testing the BOPE. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

### 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200' above the Uinta/Green River contact identified at  $\pm$  3065'. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

### 4. Mud Program and Circulating Medium

As per Onshore Oil and Gas Order No. 2 sufficient quantities of mud materials will be maintained or readily accessible for the purpose of well control.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

### 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run at a minimum from the production casing shoe to  $\pm$  2865' and shall be utilized to determine the  $\underline{top}$  of cement (TOC) and bond quality for production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

### 6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170

Petroleum Engineer

Ed Forsman (801) 789-7077

Petroleum Engineer

BLM FAX Machine (801) 781-4410

### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

### CONDITIONS OF APPROVAL SURFACE USE PLAN OF OPERATIONS

### Location of Existing and/or Proposed Facilities

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

### Plans for Restoration of Surface

### a. Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within <u>6 months</u> from the date of well completion. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc., will be removed.

Contact appropriate surface management agency for required seed mixture.

### b. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

### Other Additional Information

- a. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;

- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- b. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- c. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

### Additional Surface Stipulations

No construction or drilling activities shall be conducted between May 15 and June 20 because of crucial pronghorn habitat. Modifications to the Surface Use Plan are to protect the pronghorn during the kidding period.

No construction or drilling activities shall be conducted from March 15 to June 15 because of the strutting and nesting sage grouse. This location is within a 2-mile radius of a sage grouse strutting ground.

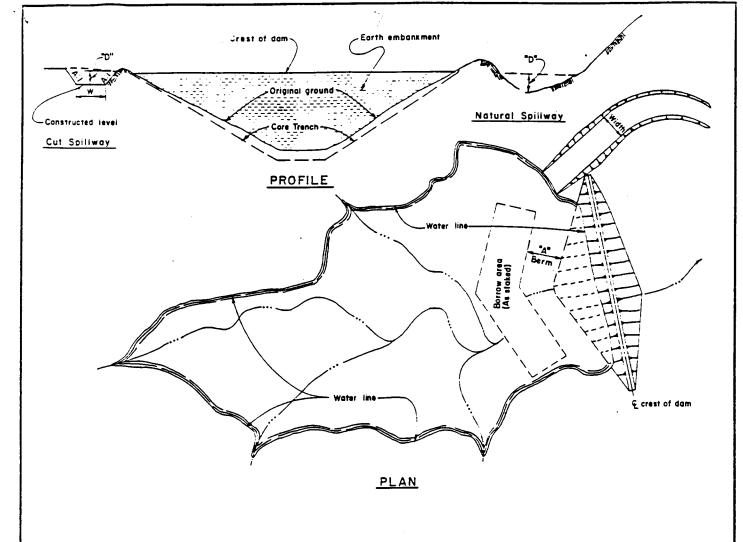
A silt catchment dam and basin will be constructed according to BLM specifications approximately 700 ft. south of the location, where flagged. A copy of the BLM specifications, "Minimum Standards for Dams Impounding Under 10-acre Feet" is attached hereto.

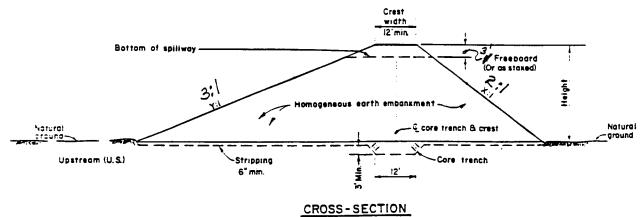
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.





### NOTES

Emponement slopes & dimensions shall be as shown on the Work Summary

2 Cut spillway to be constructed where no adequate natural spillway exists

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DENVER SERVICE CENTER DIVISION OF ENGINEERING SYSTEMS

TYPICAL

### MINOR RETENTION DAM

DESIGNED \_ REVIEWED 4

DRAWN P.W. Twist SCALE NONE DATE MARCH 9, 1984 SHEET

( ALWAYS THINK SAFETY

(BOTTOM OF DRAINAGE)

DRAWING NO. 02294-2

### DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

Name of Company: CHEVRON USA	
Well Name: RED WASH UNIT 311	
Api No. 43-047-32628	
Section 26 Township 7S	Range 24E County UINTAH
Drilling Contractor	
Rig #	
SPUDDED: Date 4/28/95	
Time 9:00 AM	
How_DRY_HOLE	
Drilling will commence	
Reported by KEVIN KOPP	
Telephone #	
Date: 5/2/95 Sign	ned:FRM

**ENTITY ACTION FORM - FORM 6** 

OPERATOR ACCT. No. No.

OPERATOR:

**Chevron USA Production Company** 

ADDRESS:

11002 East 17500 South

Vernal, Utah 84078-8526

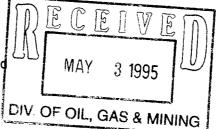
(801)781-4302

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B	99999	05670	43-047-32628	Red Wash Unit #311	NE1/4SW1/4	S26	T7S	R24E	Uintah	4/27/95	
WELL 1 Well dril	WELL 1 COMMENTS: Well drilled as part of the Green River Participating Area within the Red Wash Unit  Endity added 5-4-95. Lee										
WELL 2	COMMENT	S:									
WELL 3	COMMENT	S:									
WELL 4	WELL 4 COMMENTS:										
WELL 5	WELL 5 COMMENTS:										
ACTION	ACTION CODES (See instructions on back of form)										

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entitty
- E Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)



Signature

Operations Assistant

Title

<u>5/1/95</u> Date

Phone No. (801) 781-4302

Form 3160-5 (June 1990)

TYPE OF SUBMISSION

⊠ Notice of Intent

### UTTED STATES BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

	1 1 1	CA	MES.	IAIST	GH 51,	. 1
Leas	Đe	sign	ation	and	Serial	N

5

TYPE OF ACTION

SUNDRY NUTICES AND REPORTS ON	WELL	•
	ĝ.	1

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

\$L-071965 6. If Indian, Allottee or Tribe Name

☐ Change of Plans

Completion or Recompletion Report and Log form.)

USE "APPLICATION	FOR PERMIT -" For such praposals	GAS & MINING	
	IN TRIPLICATE	7. If Unit or CA, Agreement Designation	
1. Type of Well		Red Wash	
Oil Well		8. Well Name and No.	
2. Name of Operator		Red Wash #311	
CHEVRON U.S.A. PRODUCTION	9. API Well No.		
		43-047-32628	
3. Address and Telephone No.		10. Field and Pool, or Exploratory Area	
P. O. BOX 4876	ATTN: MARY COHLMIA	Red Wash/Green River	
HOUSTON, TX 77210	(713) 754-5068	11. County or Parish, State	
4. Location of Well (Footage, Sec., T., R., M., or Su	rvey Description)		
1512' FSL, 1370' FWL	Uintah Co., Utah		
NE SW Sec. 26-T7S, R24E, SLB&M			
CHECK ADDDODDIATE	ROY(s) TO INDICATE NATURE OF NOT	TICE REPORT OR OTHER DATA	

☐ Recompletion ■ New Construction ☐ Non-Routine Fracturing ☐ Subsequent Report ☐ Plugging Back ☐ Casing Repair ■ Water Shut-off ☐ Final Abandonment Notice ☐ Altering Casing ☐ Conversion to Injection ☐ Dispose Water ☐ Other (Note: Report results of multiple completions on Well

☐ Abandonment

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

THE PURPOSE OF THIS SUNDRY IS TO REPORT THE SPUD OF THE ABOVE WELL ON APRIL 28, 1995.

4. Thereby certify that the foregoing is true and correct.	Title: DRILLING TECHNICAL ASSISTANT	Date:	5/2/95
This space for Federal of State office use)			
pproved by:	Title:	Date:	

Title 18 U. S. C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements of representations as to any matter within its jurisdiction.

	MEC	EIVEDI
Form 3160-5	THE STATES	FORM APPROVED
	DEPARTA TOF THE INTERIOR BUREAU OF LAND MANAGEMENT	Budget Bureau No. 1004-0135
borne. W/6/95	JUN	0 8 1995 Expires: March 31, 1993  5 Lease Designation and Serial No.
	RY NOTICES AND REPORTS ON WELLS	SL-071965
	or proposals to drill or to deepen or reconstruction	TGAS & Niki Mindian, Allottee or Tribe Name
	LICATION FOR PERMIT -" For such proposals	
	SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well		Red Wash
Oil Well  Gas Well	Other	8. Well Name and No.
2. Name of Operator	Other	Pod Work #211
CHEVRON U.S.A. PRO	DUCTION CO	Red Wash #311 9. API Well No.
5.121 No.1 5.5.7. 1 No.	30011011 00.	43-047-32628
3. Address and Telephone No.		10. Field and Pool, or Exploratory Area
P. O. BOX 4876	ATTN: MARY COHLMIA	Red Wash/Green River
HOUSTON, TX 77210	(713) 754-5068	11. County or Parish, State
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description)	
1512' FSL, 1370' FWL	D414	Uintah Co., Utah
NE SW Sec. 26-T7S, R24E, SL		
	PRIATE BOX(s) TO INDICATE NATURE O	
TYPE OF SUBMISSIO		TYPE OF ACTION
1 Notice of Intent	<ul><li>☒ Abandonment</li><li>☐ Recompletion</li></ul>	☐ Change of Plans ☐ New Construction
Subsequent Report     ■     Subsequent Report     Subsequent Report	☐ Plugging Back	□ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-off
☐ Final Abandonment Notice	☐ Altering Casing	☐ Conversion to Injection
	☐ Other	☐ Dispose Water
		(Note: Report results of multiple completions on Well  Completion or Recompletion Report and Log form.
13. Describe Proposed or Completed C If well is directionally drilled, give	perations (Clearly state all pertinent details, and give pertine subsurface locations and measured and true vertical depths for	ent dates, including estimated date of starting any proposed work.
THE PURPOSE OF THIS SUNDRY IS	TO REPORT THE FOLLOWING CHANGES FROM THE	ORIGINAL APD OF THE ABOVE WELL.
<ol> <li>6-1/2" hole size.</li> <li>Well was plugged and abando</li> <li>Cement Plugs - 70 sxs 4793'-</li> </ol>		
70 sxs 3167'-3	475'	
50 sxs 2217'-2 45 sxs 245'-44	-	
25 sxs surface	to 65' KB	
3-BLM VERNAL, 2-UTOGC, DRLG, 14. I hereby certify that the foregoing i		
	•	
Signed: Maxu Su		CHNICAL ASSISTANT Date: 6/6/95
(This space for Pederal or State office	isc)	
Approved by:	Title:	Date:
Conditions of approval, if any:		···
Title 19 II C C Section 1001 makes it	a crime for any nerson knowingly and willfully to make to a	ny department or agency of the United States any false, fictitious or

fraudulent of the fraudulent o

Form 3160-5 (June 1990)

representations as to any matter within its jurisdiction.

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993

mation and Serial No.

٠	Lease Designation and Senai No.	
١	SL-071965	
	SE-0/1302	

o not use this form for proposals to drill or t Use "APPLICATI	TICES AND REPORTS ON WELLS. GAS & MINING to deepen or reentry to a introduction of the control o	N/A
SUBMI	T IN TRIPLICATE	7. If Unit or CA, Agreement Designation
Type of Well		RED WASH UNIT
Oil Gas  Well X Well Other		8. Well Name and No.  RED WASH UNIT 311
Name of Operator		
CHEVRON U.S.A. PRODUCTION COMPANY		9. API Well No.
Address and Telephone No. 11002 E. 17500 S. VERNAL, UT 84078-8526	Steve McPherson in Red Wash (801) 781-4310 or Gary Scott in Rangely, CO. (970) 675-3791	43-047-32628 10. Field and Pool, or Exploratory Area
Location of Well (Footage, Sec., T., R., M., or Survey Description)		RED WASH - GREEN RIVER
1512' FSL & 1370' FWL (NE SW) SECTION 26, T	77S, R24E, SLBM	11. County or Parish, State UINTAH, UTAH
CHECK APPROPRIATE B	OX(s) TO INDICATE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	X Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
L_l	Casing Repair	Water Shut-Off
X Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	Dispose Water
		te) Report results of multiple completion on Well mpletion or Recompletion Report and Log form.)
Describe Proposed or Completed Operations (Clearly state all pertinent give subsurface locations and measured and true vertical depths for all the THE ABOVE WELL HAS BEEN RESEEDED AN	markers and zones pertunent to this work)	s directionally drilled,
give subsurface locations and measured and true vertical depths for all r	markers and zones pertunent to this work)	s directionally drilled,
	markers and zones pertunent to this work)	Date December 19, 1995
THE ABOVE WELL HAS BEEN RESEEDED AN  Thereby certify that the foregoing is true and correct.  Signed G.D. SCOTT	Tide DRILLING TECHNICIAN	Date December 19, 1995
give subsurface locations and measured and true vertical depths for all r  THE ABOVE WELL HAS BEEN RESEEDED AN  I hereby certify that the foregoing is true and correct.	TD RECLAIMED PER SPECIFICATIONS.	

Form 3160-4 (November 1983) (formerly 9-330)

# Uf ED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPL TE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

structions on

ons on

5. LEASE DESIGNATION AND SERIAL NO

					reverse side).	). LEASE DESI	SL-071965
	WELL COMPLI	ETION OR RECO	MPLETION	REPORT AND LOC	*	6. IF INDIAN, 8	ALLOTTEE OR TRIBE NAME
1a. TYPE OF WELI	•	OIL GAS VELL WEL		DRY X Other		1	EMENT NAME LED WASH UNIT
b TYPE OF COM	PLETION						
NEW X		DEEP- PLI		OIFF. RESVR Other		8. FARM OR L	EASE NAME RED WASH
2. NAME OF OPERATO	OR .					9. WELL NO.	211
CHEVRON U.S	.A. PRODUCTIO	ON COMPANY					311
3. ADDRESS OF OPER	ATOR.				ed Wash (801) 781-431	V	POOL, OR WILDCAT
11002 E. 17500	S. VERNAL, UT	84078-8526			ely, CO. (970) 675-379		RED WASH GREEN RIVER
4. LOCATION OF WE	LL (Report location cle	early and in accordance wi	in any State requ	urements)			GIGEN IGVEN
At surface 1512	FSL & 1370' FV	VL (NE SW)					M., OR BLOCK AND SURVEY
		,				OR AREA SEC.	26, T7S, R24E, SLBM
At top rod, interval rep	ooned below					-	,,
At total depth			14. PER	EMIT NO.	DATE ISSUED	12. COUNTY	OR 13. STATE
				43-047-32628	1/24/95	PARISH UIN	ган итан
15. DATE SPUDDED	16. DATE T.D. RE	ACHED 5/29/95	17. DATE	ECOMPL. (Ready to prod.) 6/2/95 P&A'd	18. ELEVATIONS 5673 DF.	(DF, RKB, RT, GR, ETC.) 5674 KB, 5662 GR	- 19. ELEV. CASINGHEAD
4/28/95 20. TOTAL DEPTH, MD & TV	/D 21. PLUG	BACK T.D., MD & TVD		MULTIPLE COMPL.,	23. INTERVALS	ROTARY TOOLS	CABLE TOOLS
5225			н	OW MANY"	DRILLED BY	ALL	
24. PRODUCING INTERVAL	(S), OF THIS COMPLE	TION-TOP, BOTTOM, N.	AME (MD AND	TVD)*			25. WAS DIRECTIONAL SURVEY MADE
NONE							
PLUGGED AND AL	BANDONED						NO
26. TYPE ELECTRIC AND	OTHER LOCK PLN				<del></del>	2	7. WAS WELL CORED
DIFL/GR/SP, CD	LICN/GR F	MT 6-6.	-96				NO
28.				RECORD (Report all strings HOLE SIZE		NG RECORD	AMOUNT PULLED
CASING SIZE 8 5/8"	WEIGHT, LB/	36 36	ET (MD)	12 1/4"		ASS G CEMENT	
0 0.0							
					<del></del>		
	<u> </u>	LINER RECORD			30.	TUBING R	ECORD
29. SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEME	NT* SCREEN (MD)		DEPTH SET (MD	
				1		ļ	
		L		32.	ACID SHOT FI	RACTURE, CEMENT SQU	JEEZE, ETC.
31. PERFORATION RECO				C PATTE	478 777 C 123		D OF MATERIAL USED
BALANCED PLUG							
BALANCED PLUG						<del>       </del>	
BALANCED PLUG				<u> </u>	V 4 2 4000	<del> U/ </del>	
BALANCED PLUG	50' TO SURFAC	E 30 SACKS		PRODUCTION	<del>Y 1 0 1996  </del>		
DATE FIRST PRODUCTION	PRODU	UCTION METHOD (Flowin	ng, gas lift, pump	ing-size and type of pump)		WELL ST shut-in)	ATUS (Producing or
NONE							GED AND ABANDONED
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N F TEST PER	OS DIA	il, gasa&maini	NG VATER-BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURI	E CALCULATED			AS-MCF W	ATER-BBL	OIL GRAVITY-API (CORR.)
I		24-HOUR RATE	ŀ	1	1		
I						TEST WITNESSED	) BV
34. DISPOSITION OF GAS	(Sold, used for fuel, veni					LEST WITNESSEL	, , ,
·						test withesset	
35. LIST OF ATTACHMEN NONE - LOGS PI	TS REVIOUSLY SE	ted, etc.)				TEST WITNESSEL	
35. LIST OF ATTACHMEN	TS REVIOUSLY SE	ted, etc.)	correct as determi	ined from all available records		DATE	

recoveries): FORMATION TOP		UINTAII SURFACE GREEN RIVER 2335	WASATCII	
BOTTOM		E 2335 5105		÷
DESCRIPTION, CONTENTS, ETC.				
	NAME	3 17 H2 HC 3C 8C4.	BASE OF OIL SHALE GREEN RIVER - F GREEN RIVER - K GREEN RIVER - K GREEN RIVER - K GREEN RIVER - L	
dO.I.		2752	3344 3818 4042 4705 4828 4934	
	TRUE VERT. DEPTH			

Form 3160-5 (June 1990)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir	
Use "APPLICATION FOR PERMIT" for such proposals	6. If Indian, Allottee or Tribe Name
	N/A
SUBMIT IN TRIPLICATE  1. Type of Well	7 If Unit or CA, Agreement Designation
Oil Gas	RED WASH UNIT
	I-SEC NO 761
Well Well X Other MULTIPLE WELLS SEE ATTACHED LIST	8 Well Name and No.
2. Name of Operator	
CHEVRON U.S.A. INC.	9. API Well No.
3. Address and Telephone No	
11002 E. 17500 S. VERNAL, UT 84078-8526  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  (801) 781	-4300 10. Field and Pool, or Exploratory Area
(Costago, Sec., 1., 14., or Survey Description)	RED WASH - GREEN RIVE
	11. County or Parish, State
	UINTAH, UTAH
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, I	REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF	
Notice of Intent Abandonment	Change of Plans
Recompletion	
	New Construction
X Subsequent Report Plugging Back	Non-Routine Fracturing
Casing Repair	Water Shut-Off
Final Abandonment Notice Aftering Casing	Conversion to Injection
	Conversion to Injection
X Other CHANGE OF OPERATOR	Dispose Water
	(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
<ol> <li>Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any propose give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)</li> </ol>	sed work. If well is directionally drilled,
As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit. The Unit Number is I-SEC NO 761 effective October 31, 1950.	
The successor operator under the Unit Agreement will be	
Shenandoah Energy Inc.	
475 17 <sup>th</sup> Street, Suite 1000 Denver, CO 80202	
,	4
Agreed and accepted to this 29 <sup>th</sup> day of December, 1999	RECEIVED
Shenandoan Energy Inc.	HECEIVED
By:	DEC 3 0 1999
Mitchelly Solich President	-
	DIVISION OF OIL, GAS & MINING
I hereby certify that the foregoing is true and correct.	
Signed A. E. Wacker Q. E. Wacker Title Assistant Secretary	Date 12/29/99
his space for Federal or State office use)	
proved by:	
nditions of approval, if any	Date



### United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

### RECEIVED

FEB 0.7 2000

IN REPLY REFER TO UT-931

DIVISION OF OIL, GAS AND MINING

February 4, 2000

Shenandoah Energy Inc. Attn: Rae Cusimano 475 17<sup>th</sup> Street, Suite 1000 Denver, Colorado 80202

Re: Red Wash Unit

Uintah County, Utah

#### Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

### Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)

Division of Oil Gas Mining.

Minerals Adjudication Group U-932

File - Red Wash Unit (w/enclosure)

MMS - Data Management Division

Agr. Sec. Chron Fluid Chron

UT931:TAThompson:tt:2/4/00

Page No. 5 02/04/00

# Well Status Report Utah State Office Bureau of Land Management

Lease	Api Number Well Name	QTR	Section Township	Range We	ll Status	Operator
			·			
UTU0559	4304731581 293 (22-22A)	RED WAS SENW	22 T 7S	R22E OS	I	CHEVRON U S A INCORPORATED
UTU02148	4304731582 294 (24-18c)	RED WAS SESW	18 T 7S	R24E PGI	W	CHEVRON U S A INCORPORATED
UTU081	4304731577 295 (11-22B)	RED WAS NWNW	22 T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU0566	4304731578 296 (12-35B)	RED WAS SWNW	35 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTU081	4304731579 297 (24-15B)	RED WAS SESW	15 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTU0566	4304731679 298 (22-27B) I	RED WAS SENW	27 T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU0116	4304733018 299	SWNE	18 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTU082	4304715136 3 (34-23B) REI	D WASH SWSE	23 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTU081	4304715157 30 (23-13B) RI	ED WASH NESW	13 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTU081	4304731682 301 (43-15B)	RED WAS NESE	15 T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU082	4304731683 302 (22-24B) I	RED WAS SENW	24 T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU0116	4304731819 303 (34-17B)	RED WAS SWSE	17 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTU0830	4304732538 305	NENE	4 T 8S	R24E PGI	W	CHEVRON U S A INCORPORATED
UTU093	4304732629 306	NESW	23 T 7S	R24E PO	W	CHEVRON U S A INCORPORATED
-STATE	4304732632 307		<del>16-1-73</del>	R24E ABI	<del>0</del>	CHEVRON U S A INCORPORATED
UTSL071965	<del>4304732627 308</del>	<del>SESW-</del>	<del>28 1 73</del>	R24E P+	A	CHEVRON U S A INCORPORATED
UTU081	4304715158 31 (34-22B) RI	ED WASH SWSE	22 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTSL071965	<del>4304732628-311</del>	NESW	<del>26 T-7\$</del>	R24E P+	A	CHEVRON U S A INCORPORATED
-UTSL071963	4304732595 312	SWNE	<del>34 † 78</del>	R24E ABI	D	CHEVRON U S A INCORPORATED
UTU02149	4304732630 313	NESW	<del>20-1-7s</del>	RZ4E ABI	<del>D</del>	CHEVRON U S A INCORPORATED
-UTSL071965	4304732626 314	SESW-	<del>29 † 73</del>	R24E ABI	D	CHEVRON U S A INCORPORATED
UTU081	4304715160 33 (14-14B) RI	ED WASH SWSW	14 T 7S	R23E TA		CHEVRON U S A INCORPORATED
บาับ081	4304715161 34 (23-14B) R	ED WASH NESW	14 T 7S	R23E WII	W	CHEVRON U S A INCORPORATED
UTU081	4304715162 35 (43-13B) R	ED WASH NESE	13 T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU081	4304715163 36 (32-13B) R	ED WASH SWNE	13 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
<del>*UTU0823</del>	4304715164 37 (41-25B) R	ED WASH NENE	25 T 7s	R23E ABI	D	CHEVRON U S A INCORPORATED
UTU082	4304715165 38 (14-23B) R	ED WASH SWSW	23 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTU0561	4304715166 39 (14-24A) R	ED WASH SWSW	24 T 7S	R22E TA		CHEVRON U S A INCORPORATED
UTU081	4304715137 4 (41-22B) REI	D WASH NENE	22 T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU082	4304715167 40 (21-24B) R	ED WASH NENW	24 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTU081	4304715168 41 (34-13B) R	ED WASH SWSE	13 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTSL071965	4304715169 42 (21-29C) RI	ED WASH NENW	29 T 7S	R24E PG	W	CHEVRON U S A INCORPORATED
· UTU0116	4304715170 43 (12-17B) R	ED WASH SWNW	17 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTU0829	4304715171 44 (32-33C) R	ED WASH SWNE	33 T 78	R24E PG	W	CHEVRON U S A INCORPORATED
UTU02030	4304715172 45 (23-30B) R	ED WASH NESW	30 T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU080	4304715173 46 (41-21C) R	ED WASH NENE	21 T 7S	R24E PGI	W	CHEVRON U S A INCORPORATED
UTU02030	4304715174 48 (32-198) R	ED WASH SWNE	19 T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU02025	4304715175 49 (12-298) R	ED WASH SWNW	29 T 7\$	R23E TA		CHEVRON U S'A INCORPORATED
UTU082	4304715138 5 (41-23B) REI	D WASH NENE	23 T 7S	R23E PO	W	CHEVRON U S A INCORPORATED
UTU0559	4304715176 50 (14-23A) R	ED WASH SWSW	23 T 7S	R22E PO	W	CHEVRON U S A INCORPORATED
STATE	4304715177 51 (12-16B) R	ED WASH SWNW	16 T 7\$	R23E PO	W	CHEVRON U S A INCORPORATED
UTU0116	4304715178 52 (14-18B) 'R	ED WASH SWSW	18 T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU0561	4304715179 53 (41-25A) R	ED WASH NENE	25 T 7S	R22E PO	W	CHEVRON U S A INCORPORATED
<del>U1U0559</del>	4304715181-55 (41-21A) R	E <del>D WASH NENE</del>	<del></del>	-R22E - P+/	<del>A</del>	CHEVRON U S A INCORPORATED
UTU02030	4304715182 56 (41-28B) R	ED WASH NENE	28 T 7S	R23E WIT	W	CHEVRON U S A INCORPORATED
UTU02148	4304715183 57 (12-18C) R	ED WASH SWNW	18 T 7S	R24E PO	W	CHEVRON U S A INCORPORATED
UTU082	4304716477 59 (12-24B) RI	ed wash swnw	24 T 7S	R23E WIT	W	CHEVRON U S A INCORPORATED
UTU0567	4304716482 6 (41-21B) REI	D WASH NENE	21 T 78	R23E WI	W	CHEVRON U S A INCORPORATED
UTU02025	4304715184 60 (43-30B) RI	ED WASH NESE	30 T 7S	R23E TA		CHEVRON U S A INCORPORATED

### **OPERATOR CHANGE WORKSHEET**

# 1. GLH 4-KAS - 2. CDW 5-\$700

6-FILE

Enter date after each listed item is completed

### X Change of Operator (Well Sold)

Designation of Agent

3. JLT

Operator Name Change (Only)

Merger

**RED WASH** 

**Unit:** 

The operator of the well(s) listed below has changed, effective:	01-01-2000
FROM: (Old Operator):	TO: ( New Operator):
CHEVRON USA INC	SHENANDOAH ENERGY INC
Address: 11002 E. 17500 S.	Address: 11002 E. 17500 S.
VERNAL, UT 84078-8526	VERNAL, UT 84078
Phone: 1-(435)-781-4300	Phone: 1-(435)-781-4300
Account No. N0210	Account N4235

CA No.

CA 110.	0 4111	1000			
API	<b>ENTITY</b>	SEC. TWN	LEASE	WELL	WELL
NO.	NO.	RNG	TYPE	TYPE	STATUS
43-047-15166	5670	24-07S-22E	FEDERAL	OW	TA
43-047-15162	5670	13-07S-23E	FEDERAL	ow	TA
43-047-15163	5670	13-07S-23E	FEDERAL	GW	P
43-047-15168	5670	13-07S-23E	FEDERAL	OW	P
43-047-15160	5670	14-07S-23E	FEDERAL	GW	S
43-047-15177	5670	16-07S-23E	STATE	OW	P
43-047-15170	5670	17-07S-23E	FEDERAL	OW	P
43-047-15178	5670	18-07S-23E	FEDERAL	OW	TA
43-047-15137	5670	22-07S-23E	FEDERAL	OW	TA
43-047-15165	5670	23-07S-23E	FEDERAL	OW	P
43-047-15138	5670	23-07S-23E	FEDERAL	OW	P
43-047-15176	5670	23-07S-22E	FEDERAL	OW	P
43-047-15167	5670	24-07S-23E	FEDERAL	ow	TA
43-047-15164	5670	25-07S-23E	FEDERAL	GW	PA
43-047-15175	5670	29-07S-23E			TA
43-047-32630	5670	20-07S-24E	FEDERAL	GW	PA
43-047-15173	5670	21-07S-24E	FEDERAL	GW	P
43-047-32628	5670	26-07S-24E	FEDERAL	OW	PA
43-047-32626	5670	29-07S-24E	FEDERAL	GW	PA
43-047-15169	5670	29-07S-24E	FEDERAL	GW	P
43-047-15171	5670	33-07S-24E	FEDERAL	GW	P
43-047-32595	5670	34-07S-24E	FEDERAL	GW	PA
	API NO. 43-047-15166 43-047-15162 43-047-15163 43-047-15168 43-047-15177 43-047-15170 43-047-15178 43-047-15137 43-047-15165 43-047-15165 43-047-15167 43-047-15164 43-047-15175 43-047-15175 43-047-15175 43-047-15175 43-047-15175 43-047-15175 43-047-15173 43-047-32628 43-047-15169 43-047-15171	API NO. NO.  43-047-15166 5670  43-047-15162 5670  43-047-15163 5670  43-047-15168 5670  43-047-15160 5670  43-047-15177 5670  43-047-15170 5670  43-047-15178 5670  43-047-15185 5670  43-047-15165 5670  43-047-15165 5670  43-047-15165 5670  43-047-15166 5670  43-047-15176 5670  43-047-15167 5670  43-047-15164 5670  43-047-15175 5670  43-047-32626 5670  43-047-32628 5670  43-047-32626 5670  43-047-15169 5670  43-047-15169 5670  43-047-15169 5670	API         ENTITY         SEC. TWN           NO.         RNG           43-047-15166         5670         24-07S-22E           43-047-15162         5670         13-07S-23E           43-047-15163         5670         13-07S-23E           43-047-15168         5670         14-07S-23E           43-047-15177         5670         16-07S-23E           43-047-15170         5670         17-07S-23E           43-047-15178         5670         18-07S-23E           43-047-15178         5670         18-07S-23E           43-047-15178         5670         22-07S-23E           43-047-15165         5670         23-07S-23E           43-047-15165         5670         23-07S-23E           43-047-15165         5670         23-07S-23E           43-047-15166         5670         23-07S-23E           43-047-15167         5670         24-07S-23E           43-047-15167         5670         24-07S-23E           43-047-15167         5670         29-07S-24E           43-047-32630         5670         20-07S-24E           43-047-32628         5670         20-07S-24E           43-047-32626         5670         29-07S-24E	API         ENTITY         SEC. TWN         LEASE           NO.         NO.         RNG         TYPE           43-047-15166         5670         24-07S-22E         FEDERAL           43-047-15162         5670         13-07S-23E         FEDERAL           43-047-15163         5670         13-07S-23E         FEDERAL           43-047-15160         5670         14-07S-23E         FEDERAL           43-047-15177         5670         16-07S-23E         FEDERAL           43-047-15178         5670         17-07S-23E         FEDERAL           43-047-15178         5670         18-07S-23E         FEDERAL           43-047-15137         5670         18-07S-23E         FEDERAL           43-047-15138         5670         22-07S-23E         FEDERAL           43-047-15138         5670         23-07S-23E         FEDERAL           43-047-15165         5670         23-07S-23E         FEDERAL           43-047-15166         5670         23-07S-23E         FEDERAL           43-047-15167         5670         23-07S-23E         FEDERAL           43-047-15164         5670         25-07S-23E         FEDERAL           43-047-32630         5670         29-07S-24E	API         ENTITY         SEC. TWN         LEASE         WELL           NO.         RNG         TYPE         TYPE           43-047-15166         5670         24-07S-22E         FEDERAL         OW           43-047-15162         5670         13-07S-23E         FEDERAL         OW           43-047-15163         5670         13-07S-23E         FEDERAL         GW           43-047-15168         5670         13-07S-23E         FEDERAL         GW           43-047-15160         5670         14-07S-23E         FEDERAL         GW           43-047-15177         5670         16-07S-23E         FEDERAL         OW           43-047-15178         5670         18-07S-23E         FEDERAL         OW           43-047-15178         5670         22-07S-23E         FEDERAL         OW           43-047-15165         5670         23-07S-23E         FEDERAL         OW           43-047-15165         5670         23-07S-23E         FEDERAL         OW           43-047-15166         5670         23-07S-23E         FEDERAL         OW           43-047-15166         5670         23-07S-23E         FEDERAL         OW           43-047-15167         5670         25-

### **OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12-30-1999

2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on:

08-09-2000

3.	The new company has been checked through the <b>Department of Commerce</b> , <b>Division of Corporations Database on:</b> 08-23-2000
4.	Is the new operator registered in the State of Utah:  YES  Business Number:  224885
5.	If NO, the operator was contacted contacted on:
6.	Federal and Indian Lease Wells: The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on:  02/04/2000
7.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000
8.	Federal and Indian Communization Agreements ("CA"): The BLM or the BIA has approved the operator change for all wells listed involved in a CA on:  N/A
9.	Underground Injection Control ("UIC") Pro: The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:  N/A
<b>D</b> .	ATA ENTRY:  Changes entered in the Oil and Gas Database on:  09/25/2000
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 09/25/2000
3.	Bond information entered in RBDMS on:  N/A
4.	Fee wells attached to bond in RBDMS on:  N/A
<b>S</b> 7	State well(s) covered by Bond No.: 159261960
	EE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:  (R649-3-1) The NEW operator of any fee well(s) listed has furnished a bond:  N/A
2.	The <b>FORMER</b> operator has requested a release of liability from their bond on:  N/A  The Division sent response by letter on:  N/A
3.	(R649-2-10) The <b>FORMER</b> operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:
	LMING: All attachments to this form have been MICROFILMED on: 03 -09 -0(
	LING: ORIGINALS/COPIES of all attachments pertaining to each individual well have been filled in each well file on:
C	OMMENTS: